

Converting Colors

CIELCh(61, 33.007, 29.453)

Have a look what the booklet for
CIELCh(61, 33.007, 29.453) contains.

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Color

CIELCh(61, 32.884, 29.528)

Conversions

Conversions Part 1

Format	Color
Hex	CB7F78
RGB	203, 127, 120
RGB Percent	80%, 50%, 47%
CMY	0.2038, 0.5018, 0.5293
CMYK	0.00, 0.37, 0.41, 0.20
HSL	5°, 44%, 63%
HSV	5°, 41%, 80%
XYZ	35.6269, 29.2481, 21.5490
YIQ	148.9260, 47.5430, 13.9350

Conversions

Conversions Part 2

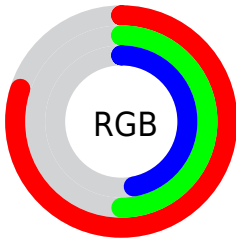
Format	Color
R_{YB}	203, 128, 120
Decimal	13336440
CIE _{Lab}	61.00, 28.61, 16.21
CIE _{LCh}	61, 32.884, 29.528
Yxy	29.2481, 0.4122, 0.3384
Android (android.graphics.Color)	4291526520 (0xFFCB7F78)
YUV	148.9260, -14.2605, 47.4229
Hunter-Lab	54.0815, 22.9465, 14.2328

Details

The CIELCh color **61, 32.884, 29.528** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **75, 24.294, 206.711**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 29.951, 30.786**, and **41, 32.566, 29.414** is the 20% darker color. If you saturate the color by 10%, you get **57, 42.444, 30.816**, and if you desaturate by 10%, it is **66, 23.882, 28.577**.

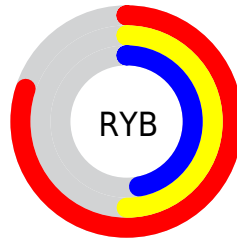
Distribution



Red (80%)

Green (50%)

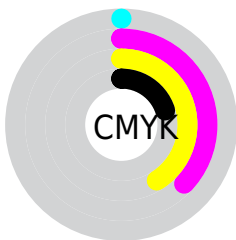
Blue (47%)



Red (80%)

Yellow (50%)

Blue (47%)

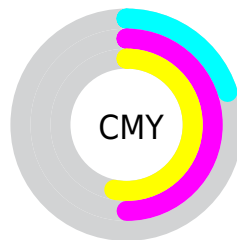


Cyan (0%)

Magenta (37%)

Yellow (41%)

Black (20%)



Cyan (20%)

Magenta (50%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 32.884, 29.528 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 61, 32.884, 29.528 by changing the saturation by 10% instead.

61, 32.884, 29.528

61, 32.884, 29.528

100, 32.884,
29.528

51, 32.884, 29.528

81, 32.884, 29.528

41, 32.884, 29.528

91, 32.884, 29.528

31, 32.884, 29.528

21, 32.884, 29.528

11, 32.884, 29.528

1, 32.884, 29.528

0, 32.884, 29.528

61, 32.884, 29.528

61, 32.884, 29.528

57, 42.444, 30.816

66, 23.882, 28.577

■ 52, 52.429, 32.495

■ 71, 15.503, 27.875

■ 49, 62.586, 34.597

■ 76, 7.753, 27.349

■ 46, 72.458, 37.011

■ 81, 0.602, 26.149

■ 44, 81.089, 39.280

■ 87, 5.997, 206.954

■ 43, 86.870, 40.861

■ 92, 12.099,
206.767

■ 97, 17.168,
198.367

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61, 32.884, 29.528



75, 24.294, 206.711

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 32.884, 29.528



61, 32.884, 79.528



61, 32.884, 209.528



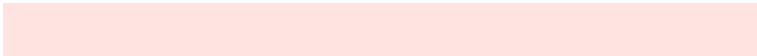
61, 32.884, 259.528

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61, 32.882, 29.532



92, 10.342, 27.411



62, 50.819, 329.107



48, 6.897, 27.475



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 32.882, 29.532



71, 48.970, 30.638



71, 30.336, 78.472



40, 4.033, 27.279



35, 74.375, 40.947



4, 17.048, 23.783

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75, 24.294, 206.711



90, 33.471, 206.899



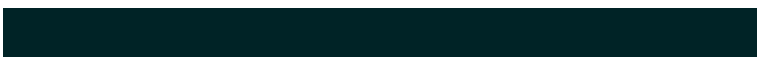
63, 28.650, 271.009



42, 3.796, 206.923



57, 32.774, 210.974



12, 12.412, 207.684

Previews

White Background



This preview shows how the CIELCh color 61, 32.884, 29.528 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 32.884, 29.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 32.884, 29.528

Background



This preview shows how black text looks on a background with the CIELCh color 61, 32.884, 29.528.

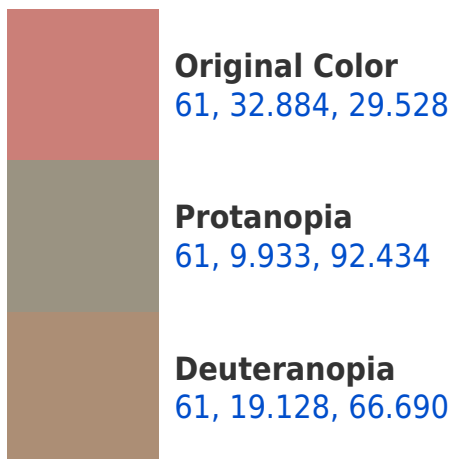


This preview shows how white text looks on a background with the CIELCh color 61, 32.884, 29.528.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
61, 32.793, 14.513

Trichromacy



Original Color
61, 32.884, 29.528

Protanomaly
61, 15.612, 50.433

Deuteranomaly
61, 22.648, 48.728

Tritanomaly
61, 32.586, 20.154

Monochromacy



Original Color
61, 32.884, 29.528

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 11.474, 28.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 32.884, 29.528 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 127, 120)` looks like.

```
.text, #text, p{  
    color:rgb(203, 127, 120)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 127, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 127, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 32.884, 29.528 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 127, 120) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 127, 120) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 127, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 127, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 127, 120); box-shadow:4px 4px 4px 4px rgb(203, 127, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 32.884, 29.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 127, 120) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
127, 120) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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